

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-31. (Cancelled)

32. (Previously Presented) An address information setting method comprising the steps of:

detecting user input from a user;

selecting a home agent to manage a mobile terminal from among routers to which the mobile terminal is connected, the selected home agent being chosen from a list of the routers responsive to the detected user input;

acquiring a judgment of the user whether to switch to the selected home agent or not;

generating a home address from the prefix distributed by the selected home agent when receiving the judgment of the user to switch to the selected home agent;

carrying out a mobile IP procedure using the selected home agent and the generated home address;

indicating in the list of routers whether each home agent from among the routers has capability to accommodate a mobile router; and

establishing a connection of the mobile router to another home agent that does not have the capability to accommodate the mobile router when the mobile router changes operations from those of a mobile router function to those of a mobile terminal function.

33. (Cancelled)